

wherein, X represents the residue of a color coupler;

A represents $-NR^4R^5$ or a hydroxyl group;

A1
 R^4 and R^5 represent respectively independently a hydrogen atom, an aliphatic group, an aromatic group, or a heterocyclic group;

B^1 represents $=C(R^6)-$ or $=N-$;

B^2 represents $-C(R^7)=$ or $-N=$;

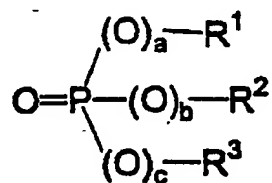
R^2 , R^3 , R^6 , and R^7 represent respectively independently a hydrogen atom, a halogen atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, $-SR^{51}$, $-SR^{52}$, $-CO_2R^{53}$, $-OCOR^{54}$, $-NR^{55}R^{56}$, $-CONR^{57}R^{58}$, $-SO_2R^{59}$, $-SO_2NR^{60}R^{61}$, $-NR^{62}CONR^{63}R^{64}$, $-NR^{65}CO_2R^{66}$, $-COR^{67}$, $-NR^{68}COR^{69}$, or $-NR^{70}SO_2R^{71}$;

R^{51} , R^{52} , R^{53} , R^{54} , R^{55} , R^{56} , R^{57} , R^{58} , R^{59} , R^{60} , R^{61} , R^{62} , R^{63} , R^{64} , R^{65} , R^{66} , R^{67} , R^{68} , R^{69} , R^{70} , and R^{71} represent respectively independently a hydrogen atom, an aliphatic group, or an aromatic group; and

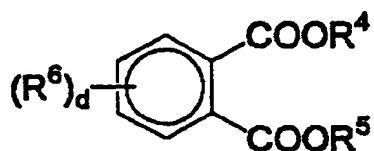
R^2 and R^3 , R^3 and R^4 , R^4 and R^5 , R^5 and R^6 , and R^6 and R^7 optionally may be connected to each other to form rings.

A2 4. (Amended) An ink-jet ink according to claim 1, wherein the hydrophobic high boiling point organic solvent is at least one hydrophobic high boiling point organic solvent selected from the group consisting of hydrophobic high boiling point organic solvents - represented by the following formulae [S-1] to [S-9]:

Formula [S-1]



Formula [S-2]



Formula [S-3]



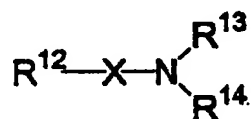
Formula [S-4]



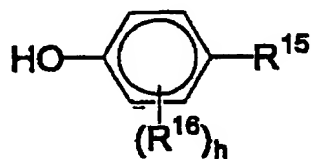
Formula [S-5]



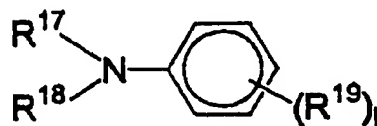
Formula [S-6]



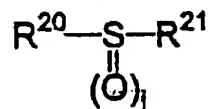
Formula [S-7]



Formula [S-8]



Formula [S-9]



A2

wherein: in the formula [S-1], R^1 , R^2 and R^3 each independently represents an aliphatic group or an aryl group, and a, b and c each independently represents 0 or 1;

in the formula [S-2], R^4 and R^5 each independently represents an aliphatic group or an aryl group, R^6 represents a fluorine atom, chlorine atom, bromine atom, iodine atom, alkyl group, alkoxy group, aryloxy group, alkoxycarbonyl group or aryloxycarbonyl group, d represents an integer from 0 to 3, and, where d is more than 1, one R^6 may be different from another R^6 ;

in the formula [S-3], Ar represents an aryl group, e represents an integer from 1 to 6, and R^7 represents an e-valent hydrocarbon group or a hydrocarbon group that is mutually bonded by an ether bond;

in the formula [S-4], R^8 represents an aliphatic group, f represents an integer from 1 to 6, and R^9 represents an f-valent hydrocarbon group or a hydrocarbon group that is mutually bonded by an ether bond;

in the formula [S-5], g represents an integer from 2 to 6, R^{10} represents a g-valent hydrocarbon group other than an aryl group, and R^{11} represents an aliphatic group or an aryl group;

in the formula [S-6], R^{12} , R^{13} and R^{14} each independently represents a hydrogen atom, aliphatic group or aryl group, X represents -CO- or -SO₂-, and a pair R^{12} and R^{13} or a pair R^{13} and R^{14} optionally may bond together mutually to form a ring;

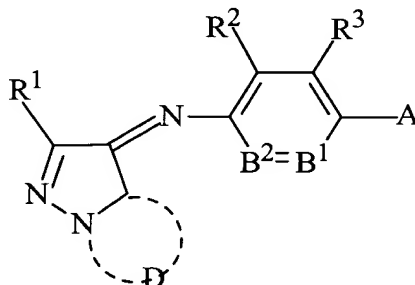
in the formula [S-7], R^{15} represents an aliphatic group, alkoxycarbonyl group, aryloxycarbonyl group, alkylsulfonyl group, arylsulfonyl group, aryl group or cyano

group, R^{16} represents a fluorine atom, chlorine atom, bromine atom, iodine atom, aliphatic group, aryl group, alkoxy group or aryloxy group, h represents an integer from 0 to 3, and where h is more than 1, one R^{16} may be different from another R^{16} ;

A2 in the formula [S-8], R^{17} and R^{18} each independently represents an aliphatic group or an aryl group, R^{19} represents a fluorine atom, chlorine atom, bromine atom, iodine atom, aliphatic group, aryl group, alkoxy group or aryloxy group, i represents an integer from 0 to 4, and when i is more than 1, one R^{19} may be different from another R^{19} ; and

in the formula [S-9], R^{20} and R^{21} each independently represents an aliphatic group or aryl group, and j represents 1 or 2.

9. (Amended) An ink-jet ink according to claim 1, wherein the oil-soluble dye which is represented in said general formula (I) is a compound which is represented in the following general formula (II):



General Formula (II)

wherein, R^2 , R^3 , A , B^1 , and B^2 are synonymous with R^2 , R^3 , A , B^1 , and B^2 in said general formula (I);

R^1 represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, $-OR^{11}$, SR^{12} , $-CO_2R^{13}$, $-OCOR^{14}$, $-NR^{15}R^{16}$, $-CONR^{17}R^{18}$, $-SO_2R^{19}$, $-SO_2NR^{20}R^{21}$, $-NR^{22}CONR^{23}R^{24}$, $-NR^{25}CO_2R^{26}$, COR^{27} , $-NR^{28}COR^{29}$, or $NR^{30}SO_2R^{31}$;

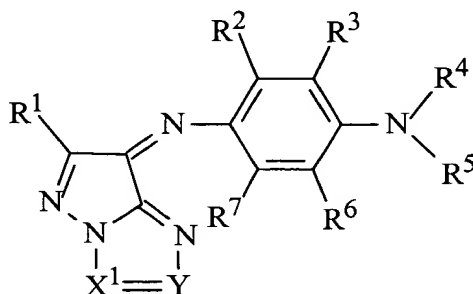
R^{11} , R^{12} , R^{13} , R^{14} , R^{15} , R^{16} , R^{17} , R^{18} , R^{19} , R^{20} , R^{21} , R^{22} , R^{23} , R^{24} , R^{25} , R^{26} , R^{27} , R^{28} , R^{29} , R^{30} , and R^{31} represent respectively independently a hydrogen atom, an aliphatic group or an aromatic group;

A3
D represents an atom group which forms a five-membered nitrogen-containing heterocyclic ring or a six-membered nitrogen-containing heterocyclic ring which optionally may be substituted with an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, $-OR^{81}$, $-SR^{82}$, $-CO_2R^{83}$, $-OCOR^{84}$, $-NR^{85}R^{86}$, $-CONR^{87}R^{88}$, $-SO_2R^{89}$, $-SO_2NR^{90}R^{91}$, $-NR^{92}CONR^{93}R^{94}$, $-NR^{95}CO_2R^{96}$, $-COR^{97}$, $-NR^{98}COR^{99}$ or $-NR^{100}SO_2R^{101}$;

the heterocyclic ring optionally may further form a condensed ring with another ring; and

R^{81} , R^{82} , R^{83} , R^{84} , R^{85} , R^{86} , R^{87} , R^{88} , R^{89} , R^{90} , R^{91} , R^{92} , R^{93} , R^{94} , R^{95} , R^{96} , R^{97} , R^{98} , R^{99} , R^{100} , and R^{101} represent respectively independently a hydrogen atom, an aliphatic group or an aromatic group.

10. (Amended) An ink-jet ink according to claim 9, wherein the compound which is represented in said general formula (II) is a compound which is represented in the following general formula (III).



General Formula (III)

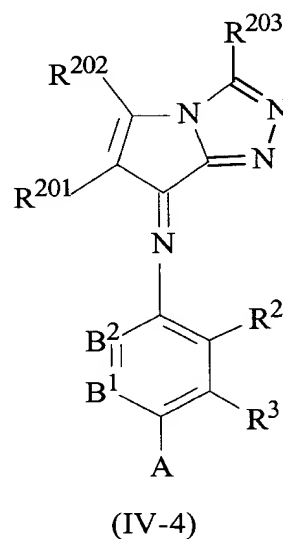
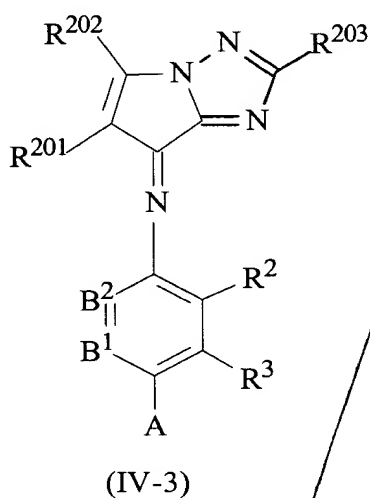
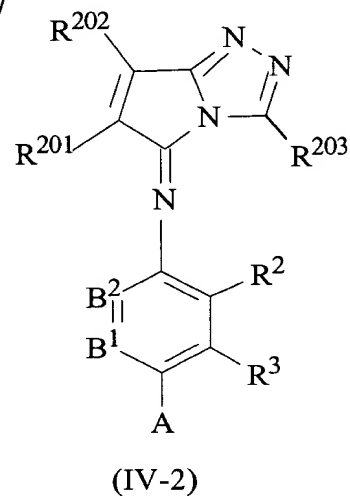
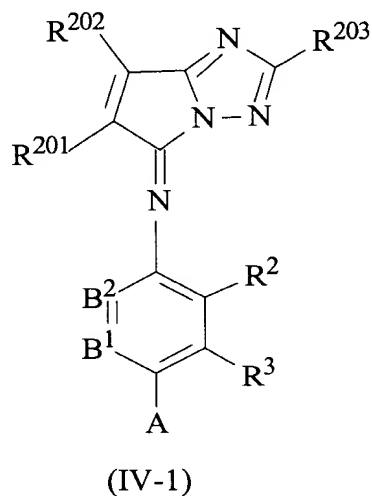
AB wherein, R¹, R², R³, R⁴, R⁵, R⁶ and R⁷ are synonymous with R¹, R², R³, R⁴, R⁵, R⁶ and R⁷ in said formula (II);

X¹ and Y represent respectively independently -C(R⁸)= or -N=;

R⁸ represents a hydrogen atom, an aliphatic group or an aromatic group; and

one of X¹ or Y is always -N=, and X¹ and Y are -N= at different times.

Sub B1 11. (Amended) An ink-jet ink according to claim 1, wherein the oil-soluble dye of formula (I) is at least one of compounds represented in the following general formulas (JV-1) to (IV-4):



wherein, A, R², R³, B¹, and B² are synonymous with A, R², R³, B¹, and B² in said general formula (I);

R²⁰¹, R²⁰², and R²⁰³ represent respectively independently a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, -OR¹¹, -SR¹², -

Sub
B¹
cont.

CO_2R^{13} , $-\text{OCOR}^{14}$, $-\text{NR}^{15}\text{R}^{16}$, $-\text{CONR}^{17}\text{R}^{18}$, $-\text{SO}_2\text{R}^{19}$, $-\text{SO}_2\text{NR}^{20}\text{R}^{21}$, $-\text{NR}^{22}\text{CONR}^{23}\text{R}^{24}$, $-\text{NR}^{25}\text{CO}_2\text{R}^{26}$ - COR^{27} , $-\text{NR}^{28}\text{COR}^{29}$, or $-\text{NR}^{30}\text{SO}_2\text{R}^{31}$;

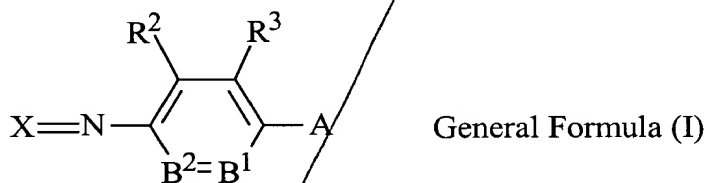
R^{11} , R^{12} , R^{13} , R^{14} , R^{15} , R^{16} , R^{17} , R^{18} , R^{19} , R^{20} , R^{21} , R^{22} , R^{23} , R^{24} , R^{25} , R^{26} , R^{27} , R^{28} , R^{29} , R^{30} , and R^{31} represent respectively independently a hydrogen atom, an aliphatic group or an aromatic group; and

AB

R^{201} and R^{202} optionally may be combined with each other to form a ring structure.

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B²

12. (Amended) A coloring composition formed by dispersing coloring particulates in a water-based medium, the coloring particulates containing a nonionic oil-soluble polymer, a hydrophobic high boiling point organic solvent having a boiling point of 150°C or more, and an oil-soluble dye, wherein the oil-soluble dye is represented by the following general formula (I):



wherein, X represents the residue of a color coupler;

A represents $-\text{NR}^4\text{R}^5$ or a hydroxyl group;

R^4 and R^5 represent respectively independently a hydrogen atom, an aliphatic group, an aromatic group, or a heterocyclic group;

B^1 represents $=\text{C}(\text{R}^6)-$ or $=\text{N}-$;

B^2 represents $-\text{C}(\text{R}^7)=$ or $-\text{N}=$;

Sub
B2
cont.
A3

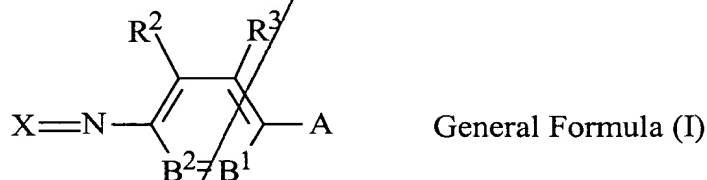
R^2 , R^3 , R^6 , and R^7 represent respectively independently a hydrogen atom, a halogen atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, $-SR^{51}$, $-SR^{52}$, $-CO_2R^{53}$, $-OCOR^{54}$, $-NR^{55}R^{56}$, $-CONR^{57}R^{58}$, $-SO_2R^{59}$, $-SO_2NR^{60}R^{61}$, $-NR^{62}CONR^{63}R^{64}$, $-NR^{65}CO_2R^{66}$, $-COR^{67}$, $-NR^{68}COR^{69}$, or $-NR^{70}SO_2R^{71}$;

R^{51} , R^{52} , R^{53} , R^{54} , R^{55} , R^{56} , R^{57} , R^{58} , R^{59} , R^{60} , R^{61} , R^{62} , R^{63} , R^{64} , R^{65} , R^{66} , R^{67} , R^{68} , R^{69} , R^{70} , and R^{71} represent respectively independently a hydrogen atom, an aliphatic group, or an aromatic group; and

R^2 and R^3 , R^3 and R^4 , R^4 and R^5 , R^5 and R^6 , and R^6 and R^7 optionally may be connected to each other to form rings.

Sub
B3
H4

14. (Amended) An ink jet recording method, in which recording is carried out using an ink-jet ink which contains a coloring composition, the coloring composition being formed by dispersing coloring particulates in a water-based medium, the coloring particulates containing a nonionic oil-soluble polymer, a hydrophobic high boiling point organic solvent having a boiling point of 150°C or more, and an oil-soluble dye, wherein the oil-soluble dye is represented by the following general formula (I):



wherein, X represents the residue of a color coupler;

A represents $-NR^4R^5$ or a hydroxyl group;

Sub
b3
cont.

A4

R⁴ and R⁵ represent respectively independently a hydrogen atom, an aliphatic group,
an aromatic group, or a heterocyclic group;

B¹ represents =C(R⁶)- or =N-;

B² represents -C(R⁷) = or -N=;

R², R³, R⁶, and R⁷ represent respectively independently a hydrogen atom, a halogen
atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, -^{SR}⁵¹, -
SR⁵², -CO₂R⁵³, -OCOR⁵⁴, -NR⁵⁵R⁵⁶, -CONR⁵⁷R⁵⁸, -SO₂R⁵⁹, -SO₂NR⁶⁰R⁶¹, -NR⁶²CONR⁶³R⁶⁴,
-NR⁶⁵CO₂R⁶⁶, -COR⁶⁷, -NR⁶⁸COR⁶⁹, or -NR⁷⁰SO₂R⁷¹;

R⁵¹, R⁵², R⁵³, R⁵⁴, R⁵⁵, R⁵⁶, R⁵⁷, R⁵⁸, R⁵⁹, R⁶⁰, R⁶¹, R⁶², R⁶³, R⁶⁴, R⁶⁵, R⁶⁶, R⁶⁷, R⁶⁸,
R⁶⁹, R⁷⁰, and R⁷¹ represent respectively independently a hydrogen atom, an aliphatic group,
or an aromatic group; and

R² and R³, R³ and R⁴, R⁴ and R⁵, R⁵ and R⁶, and R⁶ and R⁷ optionally may be
connected to each other to form rings.